## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
Li	1410	(380/270).COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/04 13:42
L2	730	1 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 13:42
L3	1093	(380/278).CQLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/04 13:52
L4	547	3 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 13:52
L5	944	(455/3.01).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/04 13:54
L6	529	5 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 13:54
L7	251	(455/463).OOLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/04 13:55

L8	218	7 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 13:55
L9	1070	(370/260).OCLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/04 13:57
L10	595	9 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 13:57
L11	145	Jang-Kyung-Hun.in.	US-PGPUB; USPAT	OR	ON	2010/06/04 13:59
L12	145	L11	US-PGPUB; USPAT	ADJ	ON	2010/06/04 13:59
L13	52	Park-Jong-ae.in.	US-PGPUB; USPAT	OR	ON	2010/06/04 14:01
L14	52	L13	US-PGPUB; USPAT	ADJ	ON	2010/06/04 14:01
L15	38	Lee-in-sun.in.	US-PGPUB; USPAT	OR	ON	2010/06/04 14:04
L16	38	L15	US-PGPUB; USPAT	ADJ	ON	2010/06/04 14:04
L17	2292	(380/277).00LS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/04 14:05
L18	1220	L17 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:05
L19	7	L18 and ("ad-hoc")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	ADJ	ON	2010/06/04 14:05

L20	7	L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	<b>ON</b>	2010/06/04 14:05
L21	6430	(709/227).OQLS	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/04 14:06
L22	3858	L21 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:06
L23	55	L22 and ("ad-hoc") and (key)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:06
L24	55	[23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:06
L25	846	(709/237).OQ.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/04 14:07
L26	650	L25 and (@pd   <"20020706" OR @ad   <"20020706" OR @rlad   <"20020706" OR @prad   <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	TON STATES	2010/06/04 14:07
L27	12	L26 and ("ad-hoc")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:07

L28	12	127	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:07
L29	3958	(713/176).OQLS	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/04 14:12
L30	2299	L29 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:12
L31	11	L30 and "ad-hoc"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:12
L32	11	L31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:12
L35	10	ad-hoc (group or community) and group keys and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:16
L36	10	L35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:16
L37	26	(ad-hoc) and ((modif\$4 or updat\$4) same (group keys))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:18

L38	6	L37 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:18
L39	6	L38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/04 14:18
S1	96	("2004005058" "20050041682" "20050041682" "20030149874" "20030226013" "20030235309" "20060174116" "6925562" "6950946" "2002095594" "20040228490" "20040228490" "20040228490" "20040228490" "20050059379" "20050059379" "20050059379" "20050059379" "20050059379" "200500591483" "20050148264" "20050148264" "20050148264" "20050152305" "20060128360" "5436905" "5745483" "6387657" "6134587" "6338087" "6415330" "5987057" "6134587" "6338087" "6415330" "20020132603" "20020132603" "200201376399" "20030145992" "20040152464" "20040202141" "20060155860" "5199072" "6438367" "6447370" "20030056114" "2005005160" "20050107081" "2006011273" "6366622" "6912657" ). pn.	US-PAT; USOOR; FFFS; EPO; JPO; DEFWMENT; IBM_TDB	ОЯ	OFF	2006/09/21

æ	762	ad-hoc (group or network\$4) and key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ		2006/09/21 15:09
S3	2	ad-hoc (group or network\$4) and dual keys	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/29 15:56
S4	762	ad-hoc (group or network\$4) and keys	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 15:10
S5	89	ad-hoc (group or network\$4) same keys	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 16:05
<b>S</b> 6	36	ad-hoc group and keys and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 16:10
S7	5	ad-hoc (group or community) and group keys and password	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/21 16:26
S8	275	Asokan	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 09:30
S9	17	Asokan and Ginzboorg	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	OFF	2006/09/25 09:34

S10	0	(Asokan and Ginzboorg) and ad-hoc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 10:31
S11	4	"4200770".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 10:43
S12	2	"5241599".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 13:50
S13	2	"5241599".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 13:51
S14	854	713/171	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/25 13:51
S16	1	"5241599".pn.	USPAT	OR	OFF	2006/09/25 14:13
S17	5	"613125".ap.	US-PGPUB; USPAT	OR	OFF	2007/10/29 15:55
S18	847	(713/171).ŒLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/29 15:56
S19	2	ad-hoc (group or network\$4) and dual keys	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/29 15:56
S20	О	(dual encryption keys) same (wirless) same ad- hoc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:05

S21	2	(dual encryption keys) same (wireless)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:06
S22	2763	(encryption keys) same (wireless)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:06
S23	21	(encryption keys) same (wireless) same (ad- hoc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:06
S24	2	S23 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:07
S25	10996	(ad-hoc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:10
S26	4416	(wireless) same (ad- hoc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:10
\$27	1271	\$26 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:10
S28	5	(dual encryption keys)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:11

S29	28490	(encryption keys)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:13
S30	485	(encryption keys) and (wireless) and (ad-hoc)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:13
S31	162	\$30 and (@pd < "20020706" OR @ad < "20020706" OR @rlad < "20020706" OR @prad < "20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ		2008/06/29 18:13
S32	90	S31 and (modifi\$4) and (predetermined)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:14
S33	90	S31 and (modifi\$4) and (predetermined) and (time)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 18:14
S34	8	("5229764"   "6021201"   "6070245"   "6125192"   "6330670"   "6442690"   "6704872").PN. OR ("6968453").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/29 21:19
S35	217	("20020013941"   "2002005812"   "20030095542"   "4922529"   "4995074"   "5274700"   "5253341"   "5274700"   "5276731"   "5363431"   "5376161"   "5406557"   "5428608"   "5449970"   "5479411"   "5483588"   "5533100"   "5533110"   "5537167"   "5548447"   "5559800"   "5533929"   "5592529"   "5600643"   "5612997"   "6612592"   "5612252"   "5628005"   "5629978"   "5628348"   "5652978"   "56828051"   "56829578"	US-PGPUB; USPAT; USOCR	OA .	OFF	2008/06/29

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"6006253"	
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"6038233"	"6044349"
"6052444"	
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S36	217	["20020013941"   "20020056112"   "20020056112"   "4922522"   "4995074"   "5187710"   "5265341"   "5274700"   "5276731"   "53614125"   "5349638"   "5363431"   "5375161"   "5406557"   "5428608"   "5449970"   "5479411"   "5543558"   "5543100"   "5533110"   "5537157"   "5546447"   "5559252"   "5589329"   "5592529"   "560643"   "5612525"   "5629078"   "562978"   "5642488"   "5652589"   "5689508"   "5699615"	US-PCPUB; USPAT; USOCR	OR	OFF	2008/06/29 21:20

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"5999525"	"5999602"
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"6006253"	"6011909"
"6023724"	"6028848"
"6031896"	"6031899"
"6038233"	"6044349"
"6052444"	"6052725"
"6061434"	"6084892"
"6094431"	"6101246" i
"6104704"	"6104800"
"6108330"	"6115393"
"6118432"	"6118768"
"6118784")	
("6122357"	l "6128304"
"6137870"	
"6148193"	
"6154531"	
"6163531	
"6169795"	
"6188756"	
"6192116"	"   "6229887"
"6233235"	
"6233318"	
"6253249"	
"6188756"   "6192116"   "6233235"   "6233318"   "6253249"   "6266405"	
1 "6266405"	
1 0200400	1 0200700

S42	23	(ad-hoc) and ((modif\$4 or updat\$4) same (group keys))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 21:59
S43	6	\$42 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/29 21:59
S44	1	"6195751".pn.	USPAT	OR	OFF	2008/06/29 22:06
<b>S</b> 45	44	("5029208"   "5311593"   "5748736"     "6026167").PN. OR ("6195751").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/29 22:32
S46	991	(380/270).OQLS.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/30 15:03
S47	647	S46 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/30 15:04
S48	2957	(713/176).OQLS.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/30 15:04
S49	1980	S48 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/30 15:04
S50	3	Jung-Kyung-Hun.in.	US-PGPUB; USPAT	OR	OFF	2008/06/30 15:05
S51	33	park-Jong-ae.in.	US-PGPUB; USPAT	OR	OFF	2008/06/30 15:05
S52	19	lee-in-sun.in.	US-PGPUB; USPAT	OR	OFF	2008/06/30 15:06

S53	0	"20030210787".AP.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/12 11:04
S54	2	"20030210787".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/12 11:04
S55	2	"6889321".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/12 11:05
S56	5	"613125".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/12 11:32
S57	1	"20030210787".pn.	US-PGPUB; USPAT	OR	OFF	2009/02/13 10:35
S58	99	Jang-Kyung-Hun.in.	US-PGPUB; USPAT	OR	ON	2009/02/13 13:36
S59	34	Park-Jong-ae.in.	US-PGPUB; USPAT	OR	ON	2009/02/13 13:37
S60	24	Lee-in-sun.in.	US-PGPUB; USPAT	OR	ON	2009/02/13 13:37
S61	1111	(380/270).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:38
S62	1726	(380/277).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:38
S63	673	S61 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/13 13:38

S64	1141	S62 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/13 13:38
S65	5	"613125".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 14:47
S66	109	Jang-Kyung-hun.in.	US-PGPUB; USPAT	ADJ	ON	2009/07/04 15:00
S67	35	park-Jong-ae.in.	US-PGPUB; USPAT	ADJ	ON	2009/07/04 15:08
S68	34	Lee-in-sun.in.	US-PGPUB; USPAT	ADJ	ON	2009/07/04 15:21
S69	13834	"ad-hoc"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:22
S70	6055	"ad-hoc" adj2 network \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:22
S71	5187	S70 and (wireless)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:22
S72	384	S71 and (encrypt\$4 adj2 keys encod\$4 adj2 keys)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/04 15:23
S73	276	S72 and group	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/07/04 15:23

S74	214	S73 and (wireless adj2 terminal laptop cell\$4 adj2 phone PDA)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/04 15:24
S75	22244	(modify\$4 chang\$4) adj3 keys	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/04 15:26
S76	31408	(modify\$4 chang\$4) adj5 keys	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/04 15:26
S77	25	S74 and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/04 15:26
S78	2	S77 and (predetermined adj2 time adj2 period modificat\$4 adj2 time adj2 period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/04 15:27
S79	0	S78 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:28
S80	1200	(380/270).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/04 15:31
S81	696	\$80 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:31

S82	1899	(380/277).COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR		2009/07/04 15:40
S83	1180	S82 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:40
S84	0	S83 and (wirless)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:41
S85	7	S83 and ("ad-hoc")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:41
S86	872	(380/278).CQLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/04 15:41
S87	520	\$86 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:42
S88	822	(455/3.01).CQLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/04 15:56
S89	516	\$88 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 15:56

S90	240	(455/463).OCLS.	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/04 16:01
S91	215	\$90 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 16:01
S92	926	(370/260).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/04 16:05
S93	573	\$92 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 16:05
S94	5455	(709/227).OO.S.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/04 16:11
<b>S</b> 95	3643	\$94 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 16:11
S96	75	\$95 and ("ad-hoc")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 16:11
S97	48	S95 and ("ad-hoc") and (key)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ		2009/07/04 16:12

S98	754	(709/237).COLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/04 16:14
S99	627	\$98 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 16:14
S100	12	\$99 and ("ad-hoc")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 16:14
S101	3415	(713/176).OQLS	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/04 16:41
S102	2152	S101 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 16:41
S103	11	S102 and "ad-hoc"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/04 16:41
S106	5	"613125".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/28 18:21
S107	225	(modified updated new) adj2 group adj2 key	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2010/01/29 20:15

S108	94	(transmit\$4 distribut\$4) with S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/29 20:15
S109	46	S108 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/29 20:15
S110	1332	(380/270).CQLS.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/29 23:58
S111	714	S110 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/29 23:59
S112	1003	(380/278).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/30 00:01
S113	533	S112 and (@pd <"20020706" OR @ad <"20020706" OR @rlad <"20020706" OR @prad <"20020706")	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/30 00:01
S114	6	Jung-Kyung-Hun.in.	US-PGPUB; USPAT	OR	OFF	2010/01/30 00:04
S115	6	S114	US-PGPUB; US-PAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	·	2010/01/30 00:04
S116	37	park-Jong-ae.in.	US-PGPUB; USPAT	OR	OFF	2010/01/30 00:04
S117	37	S116	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/30

S118	37	lee-in-sun.in.	US-PGPUB; USPAT	OR	OFF	2010/01/30 00:04
S119	37	S118	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/30 00:04

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